

CLAIMS

I claim:

1       1. A long oblique ulna shortening osteotomy jig,  
2 comprising:

3           a jig body having a substantially rectangular longitudinal  
4 cross-section, a flat top surface, a first end, a second end,  
5 two sides, a concave bottom surface adapted to closely conform  
6 to the surface of an ulna bone, a cutting slot disposed  
7 diagonally across the jig body and extending from the top  
8 surface to the bottom surface, and a plurality of holes defined  
9 between the top surface and the bottom surface.

1       2. The long oblique ulna shortening osteotomy jig  
2 according to claim 1, further comprising a flat portion adjacent  
3 to each of the sides on the bottom surface of said jig body,  
4 whereby said flat surface is adapted to overhang the edge of a  
5 bone when said jig is attached to the bone.

1       3. The long oblique ulna shortening osteotomy jig  
2 according to claim 1, wherein said plurality of holes comprises  
3 two holes.

1       4.     The long oblique ulna shortening osteotomy jig  
2 according to claim 3, wherein a first of said holes is disposed  
3 at the first end of said jig body and a second of said holes is  
4 disposed at the second end of said jig body.

1       5. A method of surgically correcting ulnar impaction  
2 syndrome, comprising the steps of:

3       providing a jig having a substantially rectangular  
4 longitudinal cross-section, a flat top surface, a first end, a  
5 second end, two sides, a concave bottom surface adapted to  
6 closely conform to the surface of an ulna bone, a cutting slot  
7 disposed diagonally across the jig and extending from the top  
8 surface to the bottom surface, and a plurality of holes defined  
9 between the top surface and the bottom surface;

10      placing the bottom surface of said jig securely against the  
11 ulna to be operated on with the concave bottom surface  
12 conforming to the surface of the ulna;

13      securing said jig to the ulna with two surgical screws  
14 positioned in the holes defined in said jig;

15      obliquely cutting said ulna into two pieces with a bone saw  
16 using the cutting slot of said jig as a cutting guide;

17      removing said jig from the ulna;

18      sliding the two pieces of the ulna past one another such  
19 that the overall length of the ulna is shortened to alleviate  
the symptoms of ulnar impaction syndrome; and

21       securing the pieces of said ulna together with a plurality  
22 of countersunk surgical screws.

LITMAN LAW  
OFFICES, LTD.  
P.O. BOX 15035  
ARLINGTON, VA 22215  
(703) 486-1000